

ABSTRACT OF THE DISCLOSURE

A dual shaft gerotor motor (11) of the type comprising a gerotor gear set (13) including an internally-toothed ring member (15) and an externally-toothed star member (17). The motor (11) includes substantially identical first (25) and second (27) motor housing assemblies attached to first (21) and second (22) axially opposite ends of the gerotor gear set (13), and defining first (47) and second (45) fluid ports, respectively. Each of the motor housing assemblies defines a plurality N of fluid passages (65), each of which is in fluid communication with one of said fluid volume chambers (19) defined by the gerotor gear set (13). The first fluid port (47) comprises an inlet port and the first motor housing assembly (25) and the first valve means (37) cooperate to provide first commutating fluid communication from said inlet port (47) to said expanding fluid volume chambers (19). The second fluid port (45) comprises an outlet port and the second motor housing assembly (27) and the second valve means (37) cooperate to provide second commutating fluid communication from said contracting fluid volume chambers (19) to said outlet port (45).